

The CONTEST JUG

Newsletter of the
Northern California Contest Club
44 Toyon Terrace
Danville, CA 94526
• (415) 837-6894

May 1990 Issue — No. 216

| | | |
|----------------|---------|----------------|
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| VP/CC: | N6TV | (408)629-9480 |
| Sec/Treasurer: | AD6E | (415)527-7655 |
| Director: | AI6V | (415)685-9370 |
| Director: | WZ6Z | (415)562-1716 |
| Director: | KI6EZ | (415)334-2333 |
| Director: | N6KT | (408)374-6123 |
| JUG Editor: | AK6T | (415)837-3478 |
| Awards: | K6ZM | (415)837-6894 |
| Club Repeater | W6RGG/R | 147.240 (+600) |

COMING ATTRACTIONS

(Contest dates are UTC.)

| | |
|------------|---|
| May 5-6 | Ten-Ten Spring QSO Party, 10m, CW, 0000 May 5 to 2400 May 6 |
| May 5-6 | Nevada QSO Party |
| May 12-13 | CQ-M Contest, 2100 May 12 to 2100 May 13 |
| May 18 | NCCC meeting, Miguel's, Hayward, cocktails 6:30, dinner 7:00 p.m. |
| May 19-20 | World Telecommunications Day, CW/Ph, 0000 May 19 to 2400 May 20 |
| May 26-27 | CQ WW WPX CW Contest |
| June 2-3 | RSGB Field Day |
| June 9-10 | ARRL VHF QSO Party |
| June 16-17 | All Asian Phone Contest |
| June 23-24 | ARRL Field Day |

May meeting: contest software, friend or foe?

Our May meeting will take place on May 18 at Miguel's Restaurant, 22865 Atherton Street, Hayward. Cocktails at 6:30 p.m., dinner at 7:00 p.m. Atherton Street adjoins the east parking lot

of the BART Hayward Station. The cross street is D Street.

Bob Fabry, N6EK, will lead a discussion of contest software. Bob has used the K1EA program to log serious single-operator efforts in WAE CW, CQ WW (both modes) and ARRL DX CW. He uses K1EA software to send CW for the CW contests. His contest computer is a T-1000 laptop weighing 6 pounds and chosen as good for expeditions.

Many other club members also are using various contest software packages to improve their score and/or eliminate the after-contest paperwork.

If you have been using contest software, bring your opinions about what does and doesn't work well. Anyone not using these programs, bring your questions and find out whether this is the time to start.

— N6TV

Minutes of April meeting

The April NCCC meeting was held April 21, 1990, at Miguel's Restaurant, Hayward, Calif. President Carl Cook, AI6V, called the meeting to order at 8:00 p.m.

Bert, K6CSL, read a letter from the Naval Communications Station, San Francisco, inviting NCCC members to operate from NPG during Armed Forces day, May 19. There will be an organizational meeting in Vallejo on Apr 28. NCCC is invited to send a representative. Bert will not be able to attend and is looking for a volunteer. N6TV will look for a representative. It was generally agreed that this is a great opportunity to operate a 40 kW station (!) and should be supported.

Pat, AK6T, read a packet message from Rich, KI3V, that was sent to all board members. Rich says that, as a relatively new member, he is unaware of the many awards and their rules and

would like them documented. WZ6Z volunteered to do the document ation.

In addition, Rich noted that the Founder's Award went to NC7K, who scored 1,690,597 points, yet Rich scored 1,720,590 points. It was generally agreed that, if these scores are correct, an error was made and the club owes Rich an apology. (See Scores item, p. 6 — Ed.)

N6TV read a mailgram from K6TMB who noted that NCCC took first place in the club competition for 1989 WPX (applause).

N6TV announced that next month's meeting will be May 18 at Miguel's Restaurant in Hayward.

N6IP, Bob Wolbert, was elected to club membership by unanimous vote. Bob lives in San Jose. He lists his contest experience as including CQWW PH/CW, ARRL DX PH/CW, IARU, CQP, SS, and ARRL CD parties(!). He prefers CW, but will operate phone. Bob also holds the callsign 7J1AGQ in Japan.

This being the April meeting, AI6V formally nominated the slate of new officers and board members :

| | |
|-----------|------------------------|
| President | Jack Troster, W6ISQ |
| VP-CC | Bob Wilson, N6TV |
| Sec/Treas | Al Maenchen, AD6E |
| Director | Carl Cook, AI6V |
| Director | Howard Brainen, WZ6Z |
| Director | Alex Rabinovich, KI6EZ |
| Director | Rich Smith, N6KT |

There were no other nominations. K3EST moved to elect all those nominated; WB6MZZQ seconded. The motion carried unanimously. (Note: As past president, AI6V remains on the board of directors.) Since W6ISQ could not be present, AI6V continued to chair the meeting.

W6RGG presented AI6V with a plaque to commemorate his past year as club president.

N6TV initiated a discussion for club contest priorities. An all-out effort to win CQ WW in 1990 was by far the most popular. Several DXpeditions are in the planning stage, so winning CW WW seems to be a realistic goal.

The formal part of the meeting was adjourned at 8:40 p.m.

Ken Keeler, N6RO, then entertained us with slides showing the evolution of his top-performance station on his Oakley spread. Included were shots of the WZ6Z crew setting a new world record and becoming the new multi-multi champion of the US in last year's CQ WW WPX.

Respectfully submitted, Al Maenchen, AD6E,
Secretary/Treasurer

Comments by President Casual Contester

Everybody knows I was elected to this Prexy job by default! The real president should be Louese, KA6ING. It was only at the last minute that she decided to let the reins of government slip out of her grasp. As a peace offering to her faithful followers — the entire club — she generously offered (so it is rumored) to bake two cakes for every meeting. These will be large devil's food cakes with thick fudge frosting and chopped nuts on top. One will be presented to the president and the other to the rest of the assemblage. Each person is charged with bringing his or her own spoon or fork. Can hardly QRX.

You realize that you voted in a casual novice contester, not exactly a 200-per-hour-QSO type like most of you. I can't write that fast, nor can I find the keys on a typewriter (computer) that fast. And I haven't thought that fast in a long, long time.

For example, my very first contest was in the fall of 1935 (I was W2ISQ then). I'm not even sure what contest it was, but part of the exchange was your QTH. My code speed was about 12 wpm (FCC code speed was 10 wpm for a ticket), and I called this fella at that speed. He came back about 20 wpm on a bug — fantastic. Well, I got about one letter in 10. He gave me an RST, which I got on about the third try, and what had to be his location. I copied something like ME...H... "AGN pse". ME..CH.. "QTH agn pse". I asked for a repeat seven times. He could not just turn his VFO and get away because he was crystal controlled. Most everybody was then. He could have tuned off me and looked for others, but for some reason he stuck with me. Worst of all, instead of QRSing, he sped up every time he repeated his QTH — METUTCHEN, N.J., about 30 or 40 miles away. I'd never heard of it, but I've never forgotten it either. So, I became indoctrinated into casual contesting.

I did like to work the old ORS contests in a very casual way. The most memorable part of those contests was following Ken Keeler around the country. First in 2-land, then in 5-land, then around 6-land. Or was it the other way around? With each new QTH he got bigger and better locations and antennas. But he always won or was close to the top.

Then there was Rusty Epps, W6OAT. He would get in the contests from W1MX when he should have been studying at MIT.

Very fortunately we have a fine vice president who is a first rate contester and is full of enthusiasm to promote all sorts of wonderful activities for this forthcoming year. N6TV, of course. And for our Sec/Treas we have AD6E, a very fast operator who can crank out address labels and deposit slips as fast as he can hand out QSOs in a contest. And a great *Jug* editor who knows where all the keys on the computer are located, AK6T. And a great group of directors who can hardly wait to begin sorting out your requests for hard-nosed competition in the contests. Looking forward to this action.

But, you cannot just sit back without passing along your ideas. It is very important that you donate your input. This is a club, ya know, which is defined by Webster as a "heavy staff of wood." Whoops, that's the definition of what I got hit with by N6EK as described later. Club is "an association of persons to promote a common object, or for good fellowship, etc., especially one jointly supported and meeting periodically." I will also add, it ain't much of a club unless everybody participates; that is, vocally at meetings and club affairs and also during weekend speed trials when we are going against the same enemy.

Remember, we are on the downside of the sunspot cycle, so let's make use of it to roar with the 28s and 21s while we can.

Now, one quick word about how I volunteered for this job. (I am looking for sympathy.) It was all N6EK's fault. He had a few of my markers and called them in. Simple as that. He said something about having called every name in the barrel several times. No luck. Finally he peered deeper into the barrel and saw a couple of lumps still stuck to the bottom. He pulled one loose and saw it was W6OAT. Naw, he was already president of everything else. Then he pried loose W6RGG. Naw, he's running all the nets, emergency systems, skeds, DX info nets, etc., in NorCal. No time. Then Ole Bob hooked onto me when I was trying to hide. I wasn't doing nothin', just sitting there casual contesting and not contributing nothin'. And since he had my markers, I was unceremoniously nabbed, and, therefore, naturally volunteered with enthusiasm.,

Here's what Ole Bob told me — or something like this, anyway: "You don't have to do a thing, really. Just get a speaker for the meetings and a place to meet. Keep your hands off the contests. We've got crackerjack N6TV who will handle all

that. You would probably louse it up. Stay away from Sprint. We don't want you to embarrass NCCC. Show up for the contests and work enough so you won't appear in last place in the magazines — another embarrassment to NCCC. If you are out of town, we can cover for you with the speaker and meeting place."

Oh, one thing the president has to do: write at least one page about anything for the *Jug* every month. Well, actually, forget everything else. Just write that one page per month. We have competent people to do everything else! You QSL? That's one page a month. You got it?"

Aye aye, Sir. My page runneth over. QRT. 73. Jack, W6ISQ.

P.S. First appointment: W6RGG parliamentary. No meeting can start without a parliamentary sitting there with his finger on the mike button.

P.P.S. Second appointment: N6BT for Christmas party MC.

P.P.P.S. Third appointment: KA6ING to be official CB person. That is Official Cake Baker.

P.P.P.P.S. General announcement: Watch out for N6EK.

— W6ISQ

Past President AI6V sends greetings

Sorry to have missed the Gala Awards Banquet, which I hear went quite well, but someone had to make noise from P40V this March! I made 8756 QSOs in ARRL Phone and 5580 QSOs in WPX Phone, and Marlise, Fluffer and I got a good tan.

Please forgive my not getting a President's Message in the last couple of Jugs, as my schedule, or lack of, seemed to get in the way.

At the last club meeting we elected a very FB new slate of officers.

It will be no problem for them to help make the club achieve previous high levels of participation and competition as long as they receive your help and input. Let us all turn to the task of helping our club grow and prosper.

Hope to hear lots of you on for the CQWPX CW Test on the last weekend in May.

The Goodwill Games will be up North this summer, and we have never had a better chance to improve relations and build comradeship with our fellow foreign amateur radio operators. Rusty has talked of cooperation between the DX and Contest Clubs in an effort to show these visiting amateurs some California hospitality. Please begin to dream up some great ideas for entertaining our visitors, such as sight-seeing trips, station open

house and BBQ/swim. Please get your ideas to Rusty as soon as possible and be prepared to help make these visitors feel like they have been to the best spot on earth.

Steve, WB6MZQ, and family will again host the Summer Picnic and Swim Fest. This year's picnic will have some special home-brew south-of-the-border eats!

My special thanks to Bob, N6EK, who worked very hard making the club run smoothly this year.

— 73, Carl, AI6V

News and comments from Gary, WA6VEF

Greetings from Vancouver, BC, and congrats on another *FB Jug* last month. Here are some tidbits for your next issue.

First, perhaps I can shed some light on the questions regarding the Five Million Point Award. These were brought up by KA6ING and W6REC and published in the last *Jug*.

The answer to the question on NCCC Club territory may be found by consulting our 1988-89 roster, which contains a copy of NCCC's by-laws. Article III, Section D, defines the club's boundaries as Northern California from the Oregon border to the Tehachapis, and any other area within a 175-mile radius of the club's center, which is presently in Danville, CA. (The club's actual "center" is not specifically defined in the by-laws — there's a good reason for it, but we'll save that discussion for another day!)

Thus, Modoc County scores from W6REC, for instance, would count for the Award, as would, say, a California QSO Party expedition to Del Norte County staged by one of our members, or any score turned in by our contingent in the Reno/Sparks/Carson City area.

However, scores made by a person when he is not a member are a different matter. Although not spelled out in the rules, there is a precedent on this point. Last year (or maybe it was two years ago — my brain is becoming feeble!), the NCCC Awards Committee ruled that scores made by N6IG after September 1986 but before he rejoined the Club could not be applied toward his Five Meg Award. Thus, if W6REC, or any other NCCCer, takes a "sabbatical" from the club, the scores he makes during that period don't apply toward the Award.

I suppose the next board of directors could overrule this precedent. But, the way I see it, the Five Meg Award is an NCCC award, paid for by NCCC membership dues, which should be earned by

NCCCs for contest participation only during the time that person is a bonafide NCCC member.

— WA6VEF

Gary Caldwell gets his VE call

WA6VEF now has a Canadian callsign! I was permitted to choose any three-letter suffix not already assigned, plus a few other restrictions: no calls beginning with R, which are reserved for clubs and repeater groups, and no calls containing the consecutive letters FU!

Since VE7VEF was already taken, I went after what I thought was a pretty good contest call. So, be on the lookout for VE7NTT. A local here, familiar with my contest-proven ability to stare at a radio for 48 straight hours without blinking, has already dubbed me "VE7 Never Too Tired!"

— VE7NTT/WA6VEF

Cure for 2 meter TVI

My 45W 2 meter rig was overloading my TV set and a neighbor's. It so happens that 144 MHz is right between Channels 6 and 7. I bought part No. 5KMT-A/H from Microwave Filter Company, 6743 Kinne Street, E. Syracuse, NY 13057, (800) 448-1666. This is a cable TV filter that attenuates cable TV channels A to H (121.25 to 163.25 MHz) by 50 dB without affecting other channels.

The filter is a rugged metal cylinder, about 4 1/2 inches long and 3/4 inch in diameter, with a male F-connector on one end and a female F-connector on the other. It is designed to work with 75Ω TV coax. Place it right before the TV receiver or VCR.

Cost is \$13.95 plus shipping, and they will ship via UPS Blue Label if requested. I charged it on VISA and received the filter in three days. It instantly cured all traces of 2 meter TVI. My thanks to Chuck, AA6G, for steering me in the right direction.

— N6TV

Roster updates

N6IP, Robert P. (Bob) Wolbert
3534 Pine Creek Drive
San Jose, CA 95132
H (408) 258-1015
W (408) 434-6400 X3530

K4UVT/6, Bob Dorsey
43344 16th St. W., Apt. 25
Lancaster, CA 93534

H (805) 940-3912
(Note: Change effective May 20.)

K4UVT/6 moves to Southern California

Bob Dorsey, K4UVT/6, is about to move to SoCal for an indefinite period because of a new job at Edwards AFB. He intends to continue his membership in NCCC and NCDXC. Good luck in the career change, Bob.

— AK6T

Our death has been greatly exaggerated

The NCCC is not dead! In fact, the NCCC finished FIRST in the 1989 WPX club competition, thanks in part to the one/two punch of two local M/M efforts: WZ6Z finished first in the U.S., and AD6E finished 2nd, trouncing the So. California rival, N6VR.

We've now won WPX three years in a row. Let's make it four! Send your 1990 WPX scores to N6TV via packet mail, or send a copy of your summary sheet to:

Robert A. Wilson, N6TV
51 Cheltenham Way
San Jose, CA 95139-1257

Throughout 1990, I will collect scores for any and all contests. I will forward these to Pat, AK6T, for publication in the *Jug*, and I will also send them to AD6E so Al can update his 5 million point award database. Remember, send your scores to me — N6TV

Reserve your island now — CQ WW, here we come!

At the last NCCC meeting, April 20th, it quickly became apparent that this is the right time for the NCCC to make a major effort in the CQ World-Wide contest club competition. Sunspots are likely to peak in 1990, so now's the time to plan that DXpedition you've always been dreaming about. Picture yourself on a tropical island, in a grass shack, overlooking the sandy beach below. I did it in CQ WW 1981 as part of the FO0KP DXpedition (with W6SZN and AA6G). It was great! The best part was: 100% of the score counted for the club!

Look what some of our members are already planning for CQ World-Wide 1990:

- AI6V, Carl, is buying a house in Aruba (P4), and plans a full S/O effort in CQ WW SSB.

- W6RGG, Bob, plans to operate CW from CN0A, N6RO or perhaps a CX4 QTH.

- N6TV, Bob, will be full bore S-O CW from home or KH6 land, M/S from home on SSB.

- WB6MZQ and KI6EZ, Steve and Alex, are thinking about an XE-style DXpedition for SSB.

- K6CSL, "California State Lottery" Bert, will be on from home, full bore CW.

- WR6R, Al, plans a full effort from KH6 on SSB, and from K6ZM on CW. Al is also building his new home station in Orinda.

- WZ6Z, Howard, plans to be on from home or CN0A on phone. On CW, he will almost certainly be on M-M from CN0A.

- AK6T, Pat, will join K6ZM on both phone and CW, maybe even on a K6ZM DXpedition (?)

- K3EST, Bob, will be at PJ1B M-M on phone (we'll get a percentage of the score) and at N6RO on CW.

- N6RO, Ken, plans a major M-M effort in both modes. Ken needs more operators.

- N6IP, new member Bob, plans to operate S-O, packet assisted.

- AD6E, Al, will do phone S-O assisted from home, CW full bore, or perhaps join a DXpedition.

What about YOU? Be sure to let me know.

What about the California QSO Party? No problem. The timing is perfect. We use the California QSO Party as a trial run. County DXpeditions are a great way to check out all the radios, antennas, flashlights and insect repellent. You get all the experience of a true DXpedition without the expense. We need to put every California County on the air, so we'll need lots of DXpeditions. Reserve your county, then reserve your island. This is the year to make things happen.

— 73 and KB, Bob, N6TV

Conditions set for a FB CW WPX Contest

The CW WPX contest is May 26-27th. If the solar flux stays around 240 or so, conditions may be the best ever. Mini-Prop predicts almost round-the-clock openings to both Europe and Japan on 15 meters. This contest should really be fun, even with small antennas and low power. And you guys with weird prefixes, this is your contest. I'll be on full bore running around and calling you.

Don't forget to pass along a "KB" or two to your fellow NCCC members if things do get slow. It really helps. And send your scores to me

— N6TV

Field Day: the perfect recruiting opportunity

The club needs new blood. I encourage everyone to participate in the Field Day of their choice. As "real testers," we can certainly make a big difference in the typical local club score.

Now, Field Day is the one contest operated by those who say they never operate in contests. This is a great opportunity to find new people, those who seem to have the "fire in the belly" it takes to enjoy contesting. Find out who seems to do the most operating — they probably like contesting already! Then, invite them to the next NCCC meeting, offering them a ride. If you want to get an early start, invite them to the meeting on May 18th or June 15th.

This subtle recruiting effort will be matched by other efforts in the months to come. New members will fuel club growth, and that is one of our primary goals for 1990.

— N6TV

Board of directors meeting coming up

Both the incoming and outgoing NCCC board of directors will meet on Tuesday, May 22nd, to set strategy for 1990. If you are an NCCC member interested in helping organize the future direction of the club, you too are invited.

Date: Tuesday, May 22nd, 1990

Time: 7:00 p.m.

Place: QTH of W6ISQ

82 Bellbrook Way
Atherton, CA 94025

Directions from somebody who's never been there (me):

Take Woodside Road offramp East from Highway 280.

Turn right on Alameda de las Pulgas.

Proceed 1 mile to 4-way stop at Atherton Ave.

Continue straight ahead 1/4 mile to Walsh Road, turn right on Walsh.

Proceed 1/2 mile on Walsh to the fork in the road.

Veer right at the fork, putting you on Bellbrook Way.

Proceed to the end of the cul-de-sac.

Talk-in: 147.24/84 (W6RGG/R)

Phone: (415) 854-3939

Treasurer's Report

The treasurer's report for the Northern California Contest Club for the fiscal year to-date, July 1, 1989, to April 20, 1990, is as follows.

INCOME AND EXPENSES

| ITEM | BUDGET | ACTUAL |
|---------------------------|------------|------------|
| Membership Dues | \$2,250.00 | \$2,212.37 |
| JUG and Roster Ads | 700.00 | 50.00 |
| JUG and Roster Publishing | (1,200.00) | (549.67) |
| CQP | (600.00) | (1,307.34) |
| Membership Awards | (800.00) | (535.30) |
| Visalia Hospitality | (200.00) | (116.44) |
| Self-Funding Events | 0.00 | (67.90) |
| Sponsored Awards | (150.00) | 0.00 |
| Hall Rental | (45.00) | 0.00 |
| Contingency Fund | (200.00) | 0.00 |
| Special Mailing | (150.00) | 0.00 |
| TOTAL | \$(395.00) | \$(314.28) |

The Membership Dues category includes prepaid dues as well as \$103.00 in donations to the repeater fund.

On July 1, 1989, the balance in our Wells Fargo checking account was \$2,336.06, which included a Repeater Fund balance of \$1,045.65 and prepaid membership dues of \$120.00.

On April 20, 1990, the balance was \$2,021.78, which included a Repeater Fund balance of \$1,148.65 and prepaid membership dues of \$90.00.

We expect to reduce the cost of CQP by \$84.00 when we receive money due from sponsorship of certain plaques

We expect to collect \$340.00 for advertising in the *Jug* through April and in the new Roster.

Respectfully Submitted, Bob Fabry, N6EK

Scotty, AE6U, operates from Belize

Club member Scotty Williams, AE6U, has been operating from Belize for several weeks and made lots of contacts in the CQ WPX SSB Contest with the special prefix V32. His address is:

Scotty Williams, V31SW
P.O. Box 1522

Belize City, Belize, Central America

In a letter to NCCC, he says: "I made 2200 QSOs with a 100-watt transceiver and a vertical antenna. Actually, the radio is a channelized unit and didn't even have a tuning knob. Nothing fancy like a footswitch, either, just a mobile hand-held microphone. I have temporarily (I hope) lost all feeling in my thumb above the knuckle from clenching the PTT. I did work 70 countries, although I didn't have much of a signal. I was probably the first V32 prefix that anybody in the contest had ever contacted. I'll be in Belize for two years and plan to be real active, especially on the low bands. Hope to have the use of a 200-ft tower to hang wire for 160 from."

Scores still need to be straightened out

I am still wrestling with the task of properly formatting members' scores for presentation in the *Jug*. Much of the info comes in by packet, sometimes partially garbled in transmission, to my Mac computer, and I am having to learn new skills for publishing it. One problem is that packet doesn't handle tabs, so scores come in with a lot of spaces that I have to replace with tabs. A solution might be for the sender to use commas to delimit items of data. I can then simply select commas as delimiters in the table function of Microsoft Word.

If someone gets left out of the tables or is wrongly reported, apologies. Please let me know so that I can make corrections next month.

Meanwhile, some of KI3V's scores have begun to appear in the tables, giving him long-overdue recognition. As you read in the minutes, Rich has been trying for some time to have his scores included. Somehow, they've been omitted until now.

Other KI3V scores not shown in the tables are as follows:

| | |
|------------------|--------|
| SEP 89 PH SPRINT | 16 218 |
| SEP 89 CW SPRINT | 9 159 |
| MAR 90 PH SPRINT | 12 672 |
| FEB 90 CW SPRINT | 5 292 |

Bob, N6TV, is revamping and updating the tables of scores, and it's likely that all reported scores will be properly shown in the June *Jug*. I am working with Bob to devise a standard format for the tables, using comma delimiters.

— AK6T

Dog-eared *Jug* remains a mystery

Phil, K6ZM, who is the volunteer folder, stapler and mailer of the *Jug*, had a copy of the newsletter returned by the Post Office as undeliverable. The copy was torn and tattered, and the mailing label was missing, so there was no way of telling whose it was. If any member did not get the April *Jug*, solve the mystery by letting Phil know. He will rush a replacement to you.

Club QSLs again available

Some time ago, I ran out of those old (but great) NCCC club QSLs — not those really old cards, but the ones with the state map on them enhancing Northern California. I got my last box from NU6S when he had a "going out of business sale" may moons ago. The problem now is: where does one go for replacement cards?

I managed to get the original artwork from NU6S, but the film was not quite up to print quality. Rather than try to fix it up, I decided to try playing with AUTOCAD. Now, I've never used AUTOCAD for anything, but since it was available, what the heck!

After several evenings "fooling around," I finally created a reasonable looking QSL. An expert (someone who's read the manual) could have done it in an hour.

The next problem was where to go to get them printed. I sent away for quotes from the usual QSL print shops and got an excellent bid from Shell Printing, KD9KW.

Bob, N6TV, had a brilliant idea. Contesters are always inundated with QSL requests that are no fun. Most testers use computers for logging. What Bob did was to find a printer who would print QSLs on form feed stock. Just run the QSLs through your printer. One line of text and the card is ready to go. No sticky labels to fool with! I've seen some QSLs like this where the entire card is done on a dot matrix printer, and I think they leave much to be desired. I am working on software to easily run the printer from an IBM-type PC. My goal is to process a standard contest log such as K1EA, or simply enter the data from the keyboard.

This is all great, but there's a catch. The form feed cards require a minimum order of 10,000 cards! That's about a six-month supply for N6RO, and a little longer for the rest of us. The good news is they are reasonably priced at 2.9 cents per card (plus tax). If this quantity is just too much, but you are still interested in getting club cards, then the

standard loose cards can be ordered from Shell Printing for about 3.5 cents each (box of 1000).

Here is how I'd like to work this. Let me know if you are interested in buying club cards. I will modify my AUTOCAD file, print out camera ready artwork, and mail it to you. You can then choose where to get it printed. For my cards, I glued on an NCDXF symbol. You can do similar things, using ARRL, NCDXC, NCDXF, or whatever you want. I don't have these symbols, so if you want them, you will have to find them yourself. "NCCC orange" is not required. By the time you read this, I should know what other colors are available. Print color is one side only: one color, black!

I'd like to hear from you. Drop me a packet message on DXPSN, or drop your last QSL in the mail to me.

— AD6E

Deadlines for WPX logs

WPX phone logs must be postmarked no later than May 10, and WPX CW logs no later than July 10.

— N6TV

NCCC meeting dates

NCCC meetings normally are held on the third Friday of each month at Miguel's restaurant, 22865 Atherton, Hayward, but there are occasional excep-

tions. Be sure to check *The Jug* to make sure of the date.

Deadlines for *The Jug*

Please be sure to get material for the *Jug* into the hands of the Jug Editor, AK6T, by the 25th of the month. Our editorial team is aiming to put the newsletter into the mail before the end of each month.

— AK6T

How to get news to the *Jug*

We're always delighted to get news items for the *Jug* in any shape or form. Most convenient is copy that is already keyboarded and sent through the DX Packet Spotting Network on 145.770 MHz. I also have modem capability, so you can send me stuff by landline.

— AK6T

Scott, N1EE, does well in OMARC Contest

Congrats, Scott, N1EE, for winning second place US in the Overlook Mountain ARC Fall 1989 Midnight Special. Tnx to Scott, NCCC came second in the club competition.

| CALL | WW 89 SSB | WW 89 CW | SS CW | SS SSB | TOTAL |
|--------|-----------|------------|-----------|----------|-----------|
| KI3V/7 | 1 720 590 | | | | |
| NC7K | 909 083 | 781 564 | 111 300 | 232 386 | 2 034 333 |
| N6EK | 380 196 | 849 090 | 119 866 | | 1 349 152 |
| K6HNZ | 1 716 982 | | | | 1 716 982 |
| WX6M | 308 066 | | | | 308 066 |
| AJ6V | | 265 680 | 87 600 | | 353 280 |
| W6BIP | | | 123 060 | | 123 060 |
| CALL | CQP 89 | CQ WW RTTY | ARRL 160m | ARRL 10m | TOTAL |
| NC7K | | 238 276 | | | 238 276 |
| N6EK | | | 12 587 | | 12 587 |
| K6HNZ | | | | 638 400 | 638 400 |
| WX6M | | | | | 0 |
| N6TIB | 183 222 | | | | 183 222 |
| AJ6V | | | 2 772 | | 2 772 |
| W6ISQ | 75 313 | | | 421 504 | 496 817 |
| W6FSJ | 46 000 | | | | 46 000 |
| K6MA | | | | 30 552 | 30 552 |

1990 CW WPX Phone

| | | |
|--------------------------------------|-----------|----------|
| NB6L (+K6ZM, WB6MZQ, WR6R, NP4IW/W6) | 3 235 470 | M-M |
| V32SW (AE6U) | 2 535 610 | S-O (AB) |
| FO0XXL (W6KG, W6QL) | 2 287 636 | M-S |
| K6HNZ | 2 286 295 | S-O (AB) |
| NU6S | 1 675 228 | S-O (10) |
| KI3V/7 | 1 512 320 | S-O (AB) |
| N6CCL | 834 108 | S-O (AB) |
| N6EE | 546 915 | S-O (10) |
| KI6EZ | 471 870 | S-O (10) |
| K6MA | 104 742 | S-O (AB) |
| KA6ING (+PKT) | 20 196 | S-O(AB) |

Grand total to-date, NCCC, 1990 CQ WPX Phone: 15
510 390

1990 ARRL DX Phone

| | | |
|------------------|-----------|-----------|
| KI3V/7 (+PKT) | 1 960 209 | SO (+PKT) |
| WA6AHF (+W6BSY) | 803 202 | M-M |
| W6ISQ (+PKT) | 378 432 | SO (+PKT) |
| K6ZM (+NP4IW/W6) | 260 097 | M-S |
| KI6EZ | 29 160 | SO |

1990 ARRL DX CW

| | | |
|-------------------------------------|---------|-----------|
| KI3V/7 (+PKT) | 824 064 | SO (+PKT) |
| K6ZM (+K4UVT, NP4IW/W6, AK6T, WR6R) | 319 515 | M2 |
| W6BSY | 114 579 | SO (15) |
| KI6EZ | 40 635 | SO (15) |

1989 CQ World-Wide SSB

| | | |
|------------------------------|-----------|-----|
| N6RO (+W6SZN, K6TMB, WB6OKK) | 2 856 546 | M-S |
|------------------------------|-----------|-----|



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(404) 263-0700
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Doraville, 1 mi. north of I-285

BURLINGAME, CA 94010
999 Howard Ave.
(415) 342-5757
George, Mgr. WB6DSV
5 miles south on 101 from SFO

OAKLAND, CA 94608
2210 Livingston St.
(415) 534-5757
Rich, Mgr. WA9WYB
IS-880 at 23rd Ave. Ramp

PHOENIX, AZ 85015
1702 W. Camelback Rd.
(602) 242-3515
Gary WB7SLY Mgr.
East of Hwy. 17

SALEM, NH 03079
224 N. Broadway
1-800-444-0047
Curtis, Mgr. WB4KZL
28 miles north of Boston exit 1 I-93

SAN DIEGO, CA 92123
5375 Kearny Villa Rd.
(619) 560-4900
Tom, Mgr. KMCK
Hwy. 163 & Claremont Mesa Blvd

WOODBIDGE, VA 22191
14803 Build America Drive
(703) 643-1063 1-800-444-4799
Linda, Mgr. KB4ZYI
Exit 54, I-95 South to US RT 1

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Al, Mgr. KBYRA
San Diego Fwy. at Victory Blvd

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